

ASTD/TDI Project Static Report

Remote Size-Reduction and Decontamination in Large Hot Cells by Deploying Robotic Technologies

Focus Area:	Decontamination and Decommissioning Focus Area	Focus Area Manager: John Duda, (304) 285-4217
TTP No.:	RL09DD61	Principal Investigator: Jeff Pratt, (509) 376-6393
Lead Site:	Richland	
Project No.:	99-ASTD-35	Technology Vendor(s)/Commercial Partner(s):
Tech ID/TMS No.:		None identified at this time
Related Publication(s):	None	

Web Page(s):

Description: This system will be a crane-supported robotic workstation with the capability to size reduce, decontaminate, sort, and remove highly contaminated equipment from a radioactively-contaminated hot cell.

Application: Sites with radioactive hot cells requiring removal of large quantities of equipment and subsequent cleanup.

Location(s): Hanford

Technology(ies):

Robotic Work Station with Capability for Debris Collection, Remote Viewing, Size Reduction, and Decontamination

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	RL09DD61	\$0	\$1,545	\$0	\$0	\$1,545
Leverage Source:	EM-60					\$2,500
						\$4,045

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	\$6,400	\$6,400	\$2,800